



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

February 22, 2005

In re Application of:

DAVID J. EDLUND, CHARLES R. HILL, WILLIAM A. PLEDGER
and R. TODD STUDEBAKER

Serial No. : 10/802,657 Group Art Unit: 1724

Filed : March 16, 2004 Examiner: Robert H. Spitzer

For : HYDROGEN PURIFICATION DEVICES, COMPONENTS
AND FUEL PROCESSING SYSTEMS CONTAINING
THE SAME

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, Virginia 22313-1450

Sir:

AMENDMENT AND RESPONSE TO FIRST OFFICE ACTION

Responsive to the first Office action issued in connection with the above-identified patent application, please amend the specification and drawings of the application as indicated herein.

Amendments to the Specification	Begin on page 2
Amendments to the Drawings	Begin on page 5 2 pages of drawing sheets with proposed amendments (enclosed)
Amendments to the Claims	None
Remarks	Begin on page 6

Please amend the paragraph beginning on page 30, line 11, as indicated below:

In Figs. 13-16, illustrative port configurations have been shown. In Figs. 13 and 14, a port 138 is shown in dashed lines extending from interior surface 122 through the end plate to exterior surface 124. Accordingly, with such a configuration a gas stream is delivered or removed via the exterior surface of the end plate of device 10. In such a configuration, fluid conduits and/or flow-regulating and/or coupling structure 70 typically will project from the exterior surface 124 of the end plate. Another suitable configuration is indicated at 140 in dashed lines in Figs. 15 and 16. As shown, port 140 extends from the interior surface of the end plate then through perimeter 130 instead of exterior surface 124. Accordingly, port 140 enables gas to be delivered or removed from the perimeter of the end plate instead of the exterior surface of the end plate. It should be understood that ports ~~64-68~~^{64, 66 and 68} may have these configurations illustrated by ports 138 and 140. Of course, ports ~~64-68~~^{64, 66 and 68} may have any other suitable port configuration as well, including a port that extends through shell 62 or a shell portion. For purposes of simplicity, ports will not be illustrated in many of the subsequently described end plates, just as they were not illustrated in Figs. 5 and 6.